

INDEX

- Alpine community types, 268-270
 Alpine vegetation, Beartooth Plateau, 105-135
 Arizona grasslands, invasion by juniper, 187-207
 Aspen community type, 258-260
 Barghoorn, Elso S., article, 347-369
 Bats, Mexican free-tailed, in Texas, 311-346
 Beartooth plateau, alpine zone environment, 114-122
 flora, 110, 133-135
 snow patterns, 117
 soils, 119-122
 vegetation, 108-115
 Billings, W. D., article, 105-135
 Bluegill sunfish, 31-78
 Bluegill sunfish
 Food of, 50-53
 populations of, 35-43
 production of, 45
 Bottom fauna, of Wyland Lake, Indiana, 57-60
 Burn replacement community type, 262-266
 Climax, S.E. Coastal Plain, 167-185
 Coastal Plain climax, S.E. United States, 167-185
 near-climax forests, 181-182
 successional forests, 180-181
 Coincidence index, 256
 Community types, Crested Butte, Colorado, 256-273
 Coupland, R. T., article, 1-29
 Cryopedogenesis, 106
 Beartooth Plateau, 122-129
 Cryoplanation, 106
 Davis, Charles C., article, 209-247
 Davis, Richard B., article, 311-346
 Douglas fir community type, 272-273
 Efficiency, ecological, of bluegill sunfish, 66
 Efficiency, of cropping and production rates in bluegill sunfish, 61-66
 Entomotrachea, of Wyland Lake, Indiana, 60-61
 Environmental pattern, Crested Butte, 250-253
 Environmental variables, 144-157
 Epizooplankton, between New York and Bermuda, 287-309
Euphorbia esula, 1-29
 developmental history, 7-18
 distribution in Saskatchewan, 4-6
 ecological relations, 18-24
 geographical distribution, 3-4
 taxonomy and nomenclature, 2-3
 Fescue community type, 270-272
 Fire, and one-seed juniper, 189-190
 Fire and vegetation, Coast Range, California, 79-103
 Flight, of Mexican free-tailed bats, 321-325
 Food, of bluegill sunfish, 50-53
 Frankton, C., article, 1-29
 Geological substratum and vegetation, 79-103
 Gerking, S. D., article, 31-78
 Germination, one-seed juniper, 193, 197-198
 Germination, seed of leafy spurge, 7
 age, 8
 depth of seeding, 8
 light, 9
 maturity, 9-10
 moisture relations, 11
 scarification, 9
 soil texture, 7
 temperature, 9
 Grassland and juniper invasion, 187-207
 Grice, George D., article, 287-309
 Hart, Arch D., article, 287-309
 Herreid, Clyde F. II, article, 311-346
 Indices, phytosociological, 157-161
 Invasion of grassland by juniper, 187-207
 Johnsen, T. N., Jr., article, 187-207
 Johnson, P. L., article, 105-135
Juniperus monosperma, invasion of grasslands, 187-207
 distribution, 188
 factors in distribution, 188-191
 Keever, Catherine, article, 167-185
 Krummholz, 266
 Lake Erie
 chemical analyses, 212-213
 phytoplankton, 214-227
 zooplankton, 228-240
 Langenheim, Jean, article, 249-285
 Leafy spurge, in Saskatchewan, 1-29
 Limnology, of Wyland Lake, Indiana, 33-35
 Loucks, O. L., article, 137-166
 Mexican free-tailed bats, 311-346
 Microenvironment, and one-seed juniper, 192-193, 195-196
 Mixed hardwood forest climax, 167-185
 North Carolina, pollen analytical investigation in, 347-369
 One-seed juniper, invasion of grasslands, 187-207
 Ordination of forest communities, 137-166
 Ordination, phytosociological, 157-161
 Pattern, of vegetation and environment, 249-285
 Plankton, Lake Erie, 209-247
 Pleistocene, pollen analytical investigations of deposits, 347-369
 Pollen, analytical investigations of, in Pleistocene deposits, 347-369
 Pollination, leafy spurge, 15-16
 Populations, of bluegill sunfish, 35-43
 Production, of bluegill sunfish, 45
 Quarterman, Elsie, article, 167-185
 Reproduction, cycles of in Mexican free-tailed bats, 325-332

- Sagebrush community type, 256-258
- Scalars, environmental, and ordination, 137-166
- Scalars, environmental, 144-157
 climate, 153-157
 moisture, 145-146
 nutrients, 147-150
- Seed, leafy spurge
 dispersal, 18
 germination, 7-10
 production, 17
- Selleck, G. W., article, 1-29
- Short, Henry L., article, 311-346
- Snow patterns, alpine, 117
- South Carolina, pollen analytical investigations in, 347-369
- Spruce-fir community type, 260-262
- Statistics, vital, of bats, 332-338
- Statistics, vital, of Bluegill Sunfish, 35-45
- Succession and climax theory, 169-170
- Sunfish, bluegill, 31-78
- Vegetation, Crested Butte, Colorado, 249-285
- Vegetation, San Luis Obispo Quadrangle
 on argillaceous-weathering substrata, 85-91
 on siliceous-weathering substrata, 82-84
- Timberline, 266
- Wells, P. V., article, 79-103
- Whitehead, Donald R., article, 347-369
- Wyland Lake, Indiana, 33
- Zooplankton, between New York and Bermuda, 287-309
- Zooplankton, in Lake Erie, 228-240

